

FORM PTO-1449 (Rev. 2-32)		U.S. Department of Commerce Patent and Trademark Office		Atty. Docket No.	Serial No.
				01-661-A	10/034,451
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)					
					
Applicant: Chad A. Mirkin, et al.					
Filing Date: December 28, 2001		Group: 1637			

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
TS	1.	6,159,378 A	12/12/00	Holman et al.	210	695	2/23/99

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation Yes No
TS	2. ✓	WO 95/22639	8/24/95	PCT			
	3. ✓	WO 98/04740	2/5/98	PCT			
TS	4. ✓	WO 01/06257	1/25/01	PCT			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc).

TS	5. ✓	Cao, et al., "DNA-Modified Core-Shell Ag/Au Nanoparticles", <i>J. Am. Chem. Soc.</i> , Vol. 123, pp. 7961-7962, 2001.
TS	6. ✓	Remita, et al., "Radiolytic formation of bilayered Pt _{core} /Au _{shell} and Au _{core} /Pt _{shell} clusters in aqueous solution", <i>Radiation Physics and Chemistry</i> , Vol. 54, pp. 463-473, 1999.

EXAMINER	Teresa Stuelecia	DATE CONSIDERED
		12/9/04

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

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7. Wang, et al., "The surface chemistry of hybrid nanometer-sized particles I. Photochemical deposition of gold on ultrafine TiO₂ particles", *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, Vol. 131, pp. 271-280, 1998.

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**U.S. PATENT DOCUMENTS**

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date
-	duplicate	6,361,944	03/26/02	Mirkin, et al.	435	6	06/25/99
-	duplicate	6,417,340	07/09/02	Mirkin, et al.	536	23.1	10/20/00
T.S	3.	6,495,324	12/17/02	Mirkin, et al.	435	6	10/20/00
	4.	6,506,564	01/14/03	Mirkin, et al.	435	6	06/26/00
	5.	6,582,921	06/24/03	Mirkin, et al.	435	6	09/20/01
	6.	6,602,669	08/05/03	Mirkin, et al.	435	6	07/11/01
	7.	6,610,491	08/26/03	Mirkin, et al.	435	6	09/28/01
	8.	6,645,721	11/11/03	Mirkin, et al.	435	6	09/20/01
	9.	6,673,548	01/06/04	Mirkin, et al.	435	6	09/28/01
	10.	6,677,122	01/13/04	Mirkin, et al.	435	6	10/11/01
	11.	6,682,895	01/27/04	Mirkin, et al.	435	6	10/12/01
	12.	6,709,825	03/23/04	Mirkin, et al.	435	6	09/28/01
	13.	6,720,147	04/13/04	Mirkin, et al.	435	6	10/12/01
	14.	6,720,411	04/13/04	Mirkin, et al.	536	23.1	10/10/01
	15.	6,726,847	04/27/04	Mirkin, et al.	216	90	11/30/01
	16.	6,730,269	05/04/04	Mirkin, et al.	422	68.1	10/12/01
	17.	6,740,491	05/25/04	Mirkin, et al.	435	6	09/28/01
	18.	6,750,016	06/15/04	Mirkin, et al.	435	6	03/28/01
	19.	6,759,199	07/06/04	Mirkin, et al.	435	6	09/20/01
	20.	6,767,702	07/27/04	Mirkin, et al.	435	6	01/12/01
	21.	6,773,884	08/10/04	Mirkin, et al.	435	6	08/07/01
	22.	6,777,186	08/17/04	Mirkin, et al.	435	6	10/15/01
	23.	2002/0137070 A1	09/26/02	Mirkin, et al.	435	6	10/10/01
	24.	2002/0155461 A1	10/24/02	Mirkin, et al.	435	6	10/12/01
	25.	2002/0160381 A1	10/31/02	Mirkin, et al.	435	6	10/11/01
	26.	2002/0177143 A1	11/28/02	Mirkin, et al.	435	6	12/28/01
	27.	2002/0192687 A1	12/19/02	Mirkin, et al.	435	6	03/27/02
	28.	2003/0054358 A1	03/20/03	Mirkin, et al.	435	6	10/11/01
T.S	29.	2003/0068622 A1	04/10/03	Mirkin, et al.	435	6	10/12/01

Teresa Strelakia

12/19/04

TS	30.	2003/0068638 A1	04/10/03	Mirkin, et al.	435	6	08/02/02
	31.	2003/0087242 A1	05/08/03	Mirkin, et al.	435	6	12/07/01
	32.	2003/0113740 A1	06/19/03	Mirkin, et al.	435	6	04/18/02
	33.	2003/0124528 A1	07/3/03	Mirkin, et al.	435	6	10/12/01
	34.	2003/0129608 A1	07/10/03	Mirkin, et al.	435	6	05/22/02
	35.	2003/0143538 A1	07/31/03	Mirkin, et al.	435	6	10/11/01
	36.	2003/0143598 A1	07/31/03	Mirkin, et al.	435	6	11/08/02
	37.	2003/0148282 A1	08/07/03	Mirkin, et al.	435	6	10/12/01
	38.	2003/0207296 A1	11/06/03	Mirkin, et al.	435	6	10/08/02
	39.	2003/0211488 A1	11/13/03	Mirkin, et al.	435	6	06/14/02
	40.	2004/0038255 A1	02/26/04	Mirkin, et al.	435	6	03/26/03
	41.	2004/0053222 A1	03/18/04	Mirkin, et al.	435	6	07/02/03
	42.	2004/0072231 A1	04/15/04	Mirkin, et al.	435	6	08/13/03
	43.	2004/0086897 A1	05/06/04	Mirkin, et al.	435	6	05/07/03
TS	44.	2004/0101889 A1	05/27/04	Mirkin, et al.	435	6	08/04/03

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation Yes No
	45.	WO 98/04740 A1	02/05/98	PCT		duplicate	
	46.	WO 00/33079 A1	06/08/00	PCT		duplicate	
	47.	WO 01/00876 A1	01/04/01	PCT		duplicate	
	48.	WO 01/051665 A2	07/19/01	PCT		duplicate	
	49.	WO 01/073123 A3	10/04/01	PCT		duplicate	
	50.	WO 02/004681 A3	01/17/02	PCT		duplicate	
	51.	WO 02/018643 A3	03/07/02	PCT		duplicate	
	52.	WO 02/046472 A3	06/13/02	PCT		duplicate	
TS	53.	WO 02/079490 A3	10/10/02	PCT			
	54.	WO 02/096262 A2	12/05/02	PCT			
	55.	WO 2003/008539 A3	01/30/03	PCT			
	56.	WO 2003/035829 A3	05/01/03	PCT			
	57.	WO 2003/081202 A3	10/02/03	PCT			
	58.	WO 2003/087188 A1	10/23/03	PCT			
	59.	WO 2003/095973 A2	11/20/03	PCT			
	60.	WO 2004/004647 A3	01/31/04	PCT			
TS	61.	WO 2004/053105 A2	06/24/04	PCT			

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